

## Specific Protein Analysis System

### QR 100

Specific Protein Analyzer



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|---------------------|---|
| <b>Rapid</b>        | New fast immunity measurement system. Test result can be reported within 3 minutes.                                     |
| <b>Quantitative</b> | Dual system of nephelometry and turbidimetric tests, high sensitivity, wide testing range.                              |
| <b>Convenient</b>   | RF type non-contact magnetic card of reagent information, the human-machine touch screen is easy and visual to operate. |
| <b>Reliable</b>     | Specimen dilution and calibration of hematokrit (HCT) make the result uniform.  |

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## Reagent Kits

Item	Packing	Test Range	Reference Range	Clinical Significance
CRP	25 Test	0-180 mg/L	< 6 mg/L	Identify bacterial infection or Virus infection. Dynamically monitor the course of disease. Observe the effectiveness of antibiotics.
	50 Test			
hs-CRP	25 Test	0,20-16,0 mg/l	0,1-10 mg/l	Predict morbidity and mortality of cardiovascular disease. Identify newborn bacterial infection and guide clinical use of antibiotics.
	50 Test			
mAlb	25 Test	10-160mg/l	<20mg/l	Assess the early lesions of kidney. An ideal endogenous marker of the glomerular filtration rate. Monitor the early lesions of diabetic Mellitus. Discover the possibilities of cardiovascular accident and unhealthy kidney function of hypertensive patient.
	50 Test			
Cys-c	25 Test	0,2-6,0 mg/l	<1,45mg/l	Monitor the early lesions of kidney caused by urinary tract infection etc.
	50 Test			
RA	25 Test	0-140 IU/ML	< 20 IU/ML	Rheumatoid factor is a group of antibodies directed to determinants in the Fc portion of the immunoglobulin G molecule.
	50 Test			
ASO	25 Test	0-500 IU/ml	< 200 IU/ml	ASO is a toxic immunogenic coenzyme produced by beta-hemolytic streptococci of group A, C and G. Measuring the ASO antibodies are useful for the diagnosis of rheumatoid fever, acute glomerulonephritis and streptococcal infections.
	50 Test			
HBA1C	25 Test	0-18,26%	< 6 %	HBA1C is a glycosylated product of Hemoglobin A1C (HBA1C), the predominant form of hemoglobin in adult.
	50 Test			
Vitamin D	25 Test	5-130 ng/ml	30-100 ng/ml	Vitamin D Helps your body absorb Calcium and maintain Strong bones throughout your entire life.
Anti CCP	25 Test	25-3200U/ml	<25 U/ml	Anti-Cyclic Citrullinated peptide (CCP) antibody has been reported to greatly improve the diagnostic efficiency of RA.
D-dimer	25 Test	0-10.8 ng/ml	<25 U/ml	Increase of D-dimer in blood testifies the blood clot is formed and fibrinolytic activity has functioned. It is known that high value of D-dimer is indicated in disease such as malignant tumor, vascular disease.
Ferritin	25 Test	20-1000 ng/ml	20-250 ng/ml	The determination of Serum Ferritin concentration is very useful for the diagnosis, treatment and prognosis of iron metabolism abnormalities such as anaemia and iron excess, liver disease etc.

## SPECIFICATIONS

Specimen type	Peripheral whole blood, vein whole blood, serum, plasma, urine specimens
Specimen No.	Automatic numbering 1 -999 for the same test, optional barcode scanner
Whole blood HCT	00.00-99.99% adjustable
Specimen dilution	1-50 times adjustable;
Test speed	20-120 sec/test;
Screen	5.5 inch LCD touch screen
Interface	3 RS232C interface (Data transmission, external printer, external barcode scanner)
Result storage	10000
Operating voltage	AC 100V-240V/DC 12V



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